



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

*Split*

646.9711

Job Sheet 205914



Part No: 646.9711

Job Qty: 40 pcs

Part Name: Blade



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/21/20

Job Tracking No:

Due Date: 3/10/20

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG 646.9700 REV.H IPP REV:A NEW ISSUE 12/09/24 JFS VERIFY BY:DD

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation         | Qty    | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off              |
|-------|-------------------|--------|------------|----------|-----------|---------|-----------------------|-----------|-----------------------|
|       |                   |        |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                       |
| 100   | Bandsaw - 1       | 40 pcs |            | 3/10/20  | 0.00      | 1.25    | Bandsaw - 1           |           | J.C.L. 20-9-28        |
| 110   | HAAS 4 Axis - B4B | 40 pcs |            | 3/10/20  | 0.13      | 16.67   | HAAS - 1 - B4B        |           | ALA / J.C.L. 20/01/20 |
|       |                   |        |            |          |           |         | HAAS - 2 - B4B        |           |                       |
|       |                   |        |            |          |           |         | HAAS - 3 - B4B        |           |                       |
|       |                   |        |            |          |           |         | HAAS - 4 - B4B        |           |                       |
|       |                   |        |            |          |           |         | NV5000 - 1 - B4B      |           |                       |
| 120   | QC 2              | 40 pcs |            | 3/10/20  | 0.00      | 0.00    | QC 2 - 1              |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 12             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 14             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 17             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 19             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 2              |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 20             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 22             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 23             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 25             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 32             |           | ALA / J.C.L. 20/01/20 |
|       |                   |        |            |          |           |         | QC 2 - 33             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 35             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 39             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 4              |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 40             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 44             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 45             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 48             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 49             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 50             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 51             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 52             |           |                       |
|       |                   |        |            |          |           |         | QC 2 - 57             |           |                       |



Container No: S250742



Part: 646.9711

Job No: 205914

Serial No/Batch: S250742

Revision: Rev H

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Date: 01/25/20

Plex 1/21/20 7:33 AM Dart.lajeunesse.marie

|     |                               |           |         |           |                        |             |
|-----|-------------------------------|-----------|---------|-----------|------------------------|-------------|
|     |                               |           |         |           | QC 2 - 62              |             |
|     |                               |           |         |           | QC 2 - 63              |             |
|     |                               |           |         |           | QC 2 - 8               |             |
|     |                               |           |         |           | QC 2 - 66              |             |
|     |                               |           |         |           | QC 2 - 64              |             |
|     |                               |           |         |           | QC 2 - 65              |             |
|     |                               |           |         |           | QC 2 - 5               |             |
|     |                               |           |         |           | QC 2 - 71              |             |
|     |                               |           |         |           | QC 2 - 73              |             |
|     |                               |           |         |           | QC 2 - 69              |             |
|     |                               |           |         |           | QC 2 - 76              |             |
| 130 | QC 8                          | 40<br>pcs | 3/10/20 | 0.00 0.00 | QC 8 - 12              |             |
|     |                               |           |         |           | QC 8 - 14              | 20/01/30    |
|     |                               |           |         |           | QC 8 - 17              |             |
|     |                               |           |         |           | QC 8 - 20              |             |
|     |                               |           |         |           | QC 8 - 25              |             |
|     |                               |           |         |           | QC 8 - 3               |             |
|     |                               |           |         |           | QC 8 - 32              |             |
|     |                               |           |         |           | QC 8 - 33              |             |
|     |                               |           |         |           | QC 8 - 35              |             |
|     |                               |           |         |           | QC 8 - 39              |             |
|     |                               |           |         |           | QC 8 - 4               |             |
|     |                               |           |         |           | QC 8 - 44              |             |
|     |                               |           |         |           | QC 8 - 45              |             |
|     |                               |           |         |           | QC 8 - 49              |             |
|     |                               |           |         |           | QC 8 - 58              |             |
|     |                               |           |         |           | QC 8 - 8               |             |
|     |                               |           |         |           | QC 8 - 9               |             |
|     |                               |           |         |           | QC 8 - 68              |             |
|     |                               |           |         |           | QC 8 - 67              |             |
|     |                               |           |         |           | QC 8 - 1 (A)           |             |
|     |                               |           |         |           | QC 8 - 47              |             |
|     |                               |           |         |           | QC 8 - 40              |             |
|     |                               |           |         |           | QC 8 - 52              |             |
|     |                               |           |         |           | QC 8 - 23              |             |
|     |                               |           |         |           | QC 8 - 57              |             |
|     |                               |           |         |           | QC 8 - 76              |             |
|     |                               |           |         |           | QC 8 - 61              |             |
| 140 | Outsource - 1 - Heat Treat    | 40<br>pcs | 3/10/20 |           | MEI001-VC              | 15 2/3/2020 |
| 150 | Packaging 2-1 - Receive - B4B | 40<br>pcs | 3/10/20 | 0.00 0.00 | Packaging 2 - 1 - B4B  |             |
|     |                               |           |         |           | Packaging 2 - 2 - B4B  |             |
|     |                               |           |         |           | Packaging 2 - 3 - B4B  |             |
|     |                               |           |         |           | Packaging 2 - 5 - B4B  | MAR 31 2020 |
|     |                               |           |         |           | Packaging 2 - 4 - B4B  |             |
|     |                               |           |         |           | Packaging 2 - 6 - B4B  |             |
|     |                               |           |         |           | Packaging 2 - 7 - B4B  |             |
|     |                               |           |         |           | Packaging 2 - 8 - B4B  |             |
|     |                               |           |         |           | Packaging 2 - 9 - B4B  |             |
|     |                               |           |         |           | Packaging 2 - 10 - B4B |             |
|     |                               |           |         |           | Packaging 2 - 11 - B4B |             |
|     |                               |           |         |           | Packaging 2 - 12 - B4B |             |
|     |                               |           |         |           | Packaging 2 - 13 - B4B |             |
|     |                               |           |         |           | Packaging 2 - 14 - B4B |             |
|     |                               |           |         |           | Packaging 2 - 15 -     |             |



|     |                       |        |         |                                            |                       |
|-----|-----------------------|--------|---------|--------------------------------------------|-----------------------|
|     |                       |        |         | B4B                                        |                       |
|     |                       |        |         | Packaging 2 - 16 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 17 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 18 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 19 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 20 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 21 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 22 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 23 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 24 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 25 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 26 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 27 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 28 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 29 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 30 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 31 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 32 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 33 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 34 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 35 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 36 - B4B                     |                       |
|     |                       |        |         | Packaging 2 - 37 - B4B                     |                       |
| 155 | QC 6                  | 40 pcs | 3/10/20 | 0.00 0.00                                  | QC 6 - 9              |
|     |                       |        |         |                                            | QC 6 - 68             |
|     |                       |        |         |                                            | QC 6 - 61             |
|     |                       |        |         |                                            | QC 6 - 40             |
|     |                       |        |         |                                            | QC 6 - 81             |
| 160 | Spray Paint - 2 - B4B | 40 pcs | 3/10/20 | 0.00 1.33                                  | Spray Paint - 1 - B4B |
|     |                       |        |         |                                            | Spray Paint - 2 - B4B |
|     |                       |        |         |                                            | Spray Paint - 3 - B4B |
|     |                       |        |         |                                            | Spray Paint - 4 - B4B |
| 170 | QC 14                 | 40 pcs | 3/10/20 | 0.00 0.00                                  | QC 14 - 15            |
|     |                       |        |         |                                            | QC 14 - 2             |
|     |                       |        |         |                                            | QC 14 - 34            |
|     |                       |        |         |                                            | QC 14 - 41            |
|     |                       |        |         |                                            | QC 14 - 51            |
|     |                       |        |         |                                            | QC 14 - 58            |
|     |                       |        |         |                                            | QC 14 - 59            |
|     |                       |        |         |                                            | QC 14 - 9             |
|     |                       |        |         |                                            | QC 14 - 68            |
|     |                       |        |         | Plex 1/21/20 7:33 AM Dart.lajeunesse.marie |                       |

DAS  
82  
8-69

APR 01 2020

DAS  
41  
9-89

APR 05 2020

[https://www.plexonline.com/844993db-d8d5-46ef-a2cb-ec494809dabd/Plexus\\_Control/Report\\_View/Viewer\\_2.asp?URL=../Part/Job\\_Sheet.asp&Report=Tru...](https://www.plexonline.com/844993db-d8d5-46ef-a2cb-ec494809dabd/Plexus_Control/Report_View/Viewer_2.asp?URL=../Part/Job_Sheet.asp&Report=Tru...) 4/5



|                |             |         |           |                        |                |
|----------------|-------------|---------|-----------|------------------------|----------------|
|                |             |         |           | Packaging 3 - 34 - B4B |                |
|                |             |         |           | Packaging 3 - 35 - B4B |                |
|                |             |         |           | Packaging 3 - 36 - B4B |                |
|                |             |         |           | Packaging 3 - 37 - B4B |                |
| 190 QC 21 - SA | 48<br>B pcs | 3/10/20 | 0.00 0.00 | QC 21 - SA - 21 ✓      | CEK107         |
|                |             |         |           | QC 21 - SA - 70        | DAS            |
|                |             |         |           | QC 21 - SA - 53        | 21 APR 07 2020 |

Part Op 100 - (Bandsaw) Cut Blank at 4.625"

Descriptions: 110 - (HAAS CNC Vertical Machine) 1-Machine per folio FB135

120 - (QC2- Inspect parts off machine FAI/FAIB)

130 - (QC8- Inspect parts - second check)

140 - (Outsource process - Heat Treat) PO to Metcor: FINISH: HEAT TREAT TO 58-62 RC ROCKWELL HARDNESS PART ARE MADE FROM AISI A2 TOOL STEEL PLEASE NOTE: DETAIL C OF C REQUIRED

150 - (Receive &amp; Inspect for Damage &amp; Mat'l Certs)

155 - (QC6- All purchased or subcontracted products)

160 - (Spray Paint / NDT Room) \*\*\*THIN COAT OF PRIMER\*\*\* PRIME AS PER DWG, SEE NOTE #4 5265778

170 - (QC14- Inspect Spray Paint)

185 - (Identify as per dwg &amp; Stock Location: \_\_\_\_\_)

190 - (QC21- Final Inspection - Work Order Release)

PO MB045772

ll

## Job BOM

| Part / Item            | Component Name                        | Quantity             | Operation       | Container |
|------------------------|---------------------------------------|----------------------|-----------------|-----------|
| MSTEEL-A2-B0.500X1.250 | AISI A2 Tool Steel Bar, 0.500 X 1.250 | 15.4400 ft (.386 ea) | 100-Bandsaw - 1 | S250 217  |

## Job Allocations

| Operation       | Component Part         | Required | Inventory | Allocated |
|-----------------|------------------------|----------|-----------|-----------|
| 100-Bandsaw - 1 | MSTEEL-A2-B0.500X1.250 | 15       | 0         | 0         |

## Part Specifications

| Spec No | Description | Target/Tolerance               | Limits         | Type  | Special Comments |
|---------|-------------|--------------------------------|----------------|-------|------------------|
| 1       | Blade       | 0.340Inches + 0.000<br>- 0.005 | 0.340<br>0.335 | .337  |                  |
| 2       | Blade       | 0.177Inches + 0.005<br>- 0.001 | 0.182<br>0.176 | .176  |                  |
| 3       | Blade       | 3.200Inches ± 0.005            | 3.205<br>3.195 | 3.204 |                  |
| 4       | Blade       | 0.600Inches ± 0.005            | 0.605<br>0.595 | .600  |                  |
| 5       | Blade       | 0.985Inches ± 0.005            | 0.990<br>0.980 | .986  |                  |
| 6       | Blade       | 2.400Inches ± 0.005            | 2.405<br>2.395 | 2.400 |                  |
| 7       | Blade       | 1.200Inches ± 0.005            | 1.205<br>1.195 | 1.200 |                  |
| 8       | Blade       | 0.250Inches ± 0.005            | 0.255<br>0.245 | .250  |                  |
| 9       | Blade       | 37.2Angle ± 0.5                | 37.7<br>36.7   | 37.1  |                  |
| 10      | Blade       | 0.290Inches ± 0.010            | 0.300<br>0.280 | .295  |                  |
| 11      | Blade       | 30.0Angle ± 0.5                | 30.5<br>29.5   | 30.0  |                  |

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Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB045772



**Supplier:** MEI001-VC  
Metcor Inc.  
560 Boul. Arthur Sauve  
Saint-Eustache  
QC  
J7R 5A8 Canada  
Phone: 450 473 1884  
Fax: 450 491 5498

**Attention:** Bejenaru, Livia

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** POHB045772

**PO Date:** 2/3/20

**Due Date:** 2/17/20

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Lussier, Patrick  
Phone: 613-632-5200 Ext: 276  
plussier@dartaero.com

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

### Items

| Line Item    | Job | Part     | Drawing        | Description                                                                                                                                                                                                                  | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|--------------|-----|----------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 1            |     | 646.9711 | 646.9700 Rev H | Blade<br>: Various STC's<br>(Outsource process - Heat Treat)<br>PO to Metcor:<br>FINISH: HEAT TREAT TO 58-62 RC<br>ROCKWELL HARDNESS<br><br>PART ARE MADE FROM AISI A2 TOOL STEEL<br><br>PLEASE NOTE: DETAIL C OF C REQUIRED | Firmed | -       | 2/17/20  | 40 pcs         | 0 pcs             | 40 pcs  | \$8.375/pcs      | \$335.00       |
| FEB 11 2020  |     |          |                |                                                                                                                                                                                                                              |        |         |          |                |                   |         |                  |                |
| Grand Total: |     |          |                |                                                                                                                                                                                                                              |        |         |          |                |                   |         |                  | \$335.00       |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB045772



### Order Notes

#### Procurement Quality Clauses

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)

A022 Apical Processing  
A024 process certifications  
A026 certification of material conformance

A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 2/6/20 6:50 AM Dart.Lavoie.Chantal

# METCOR INC.

560 BOUL. ARTHUR-SAUVÉ  
ST-EUSTACHE, QC J7R 5A8  
Tel: 450-473-1884 / Fax: 450-491-5498

## Reçu de livraison

Delivery Receipt

| BON DE TRAVAIL<br>Order | EXPÉDITEUR<br>Shipper ID | BON D'EXPÉDITION<br>Shipper |
|-------------------------|--------------------------|-----------------------------|
| 342718                  | 1                        | 143476                      |

EXPÉDITION COMPLÈTE / Shipped Complete

CLIENT /Customer 215

**DART AEROSPACE**  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
Ph: 613-632-5200  
Fax: 613-632-1053



LIVRÉ À /Shipped To

**DART AEROSPACE**  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
Ph: 613-632-5200  
Fax: 613-632-1053

| COMMANDE DU CLIENT<br>Customer PO | BON DE LIVRAISON DU CLIENT<br>Customer Shipper No. | TYPE DE MATÉRIEL<br>Material Type | DATE DE LA COMMANDE<br>Order Date | TRANSPORTEUR<br>Carrier |
|-----------------------------------|----------------------------------------------------|-----------------------------------|-----------------------------------|-------------------------|
| HB045772                          |                                                    | A2                                | 2020/2/4                          | CLIENT                  |

| QUANTITÉ<br>Quantity | No. PIÈCE<br>Part No. | NOM DE LA PIÈCE<br>Part Name | DESCRIPTION DE LA PIÈCE<br>Part Description | POIDS<br>Weight |
|----------------------|-----------------------|------------------------------|---------------------------------------------|-----------------|
|----------------------|-----------------------|------------------------------|---------------------------------------------|-----------------|

40 646.9711

(40) 646.9711 REV H

11,

1 VALISE

| TYPE DE CONTENEUR<br>Container Type | # DE CONTENEURS<br># Of Containers | COMMENTAIRES CONTENEUR<br>Container Comments |
|-------------------------------------|------------------------------------|----------------------------------------------|
|-------------------------------------|------------------------------------|----------------------------------------------|

VALISE

1

CERTIFICAT

|                             |  |
|-----------------------------|--|
| EXPÉDIÉ PAR:<br>Shipped by: |  |
|-----------------------------|--|

QUANTITÉ EXPÉDIÉE / Quantity Shipped : 40

POIDS EXPÉDIÉ / Weight Shipped : 11,00

QUANTITÉ RESTANTE / Quantity Remaining : 0

POIDS RESTANT / Weight Remaining : 0,00

**RECEIVED**  
FEB 11 2020  
**DART AEROSPACE LTD.**

APPROUVÉ  
*[Signature]*

CERTIFICAT

QUANTITÉ EXPÉDIÉE /Quantity Shipped: 40

POIDS EXPÉDIÉ / Weight Shipped : 11,00

Signature:

Date:



# METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

## Certificat de Conformité Certificate of Compliance

| BON DE TRAVAIL<br>order | CHARGEMENT<br>load |
|-------------------------|--------------------|
| 342718                  | 1                  |

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

1

| COMMANDE DU CLIENT<br>customer po | CLASSIFICATION PIECE<br>part classification | MATÉRIEL<br>material | MAÎTRE D'OEUVRE<br>prime contractor | PROGRAM |
|-----------------------------------|---------------------------------------------|----------------------|-------------------------------------|---------|
| HB045772                          | N/A                                         | A2                   |                                     |         |

### SPÉCIFICATIONS DU PROCÉDÉ

processing specifications

VAC HARDEN

HARDEN AND TEMPER

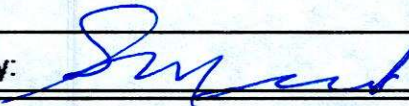
| EXIGENCE / requirement | SPÉCIFICATIONS / specified | TESTS EXÉCUTÉS / performed | RÉSULTATS DE TESTS / results |
|------------------------|----------------------------|----------------------------|------------------------------|
| HARDNESS               | 58 - 62 HRC                | <b>82</b><br>9-89          | 60 - 61 HRC<br>(907)         |

| QUANTITÉ<br>quantity | POIDS<br>weight | DESCRIPTION DES PIÈCES<br>parts description     |
|----------------------|-----------------|-------------------------------------------------|
| 40                   | 11              | 646.9711<br>(40) 646.9711 REV H<br><br>1 VALISE |

18/2/20

### COMMENTAIRES / comments

APPROUVÉ par / Approved by:



DATE: 2020-02-09

APPROUVÉ  






# METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

## Certificat de Conformité Détaillé

Detailed Certificate of Compliance

| BON DE TRAVAIL<br>order | CHARGEMENT<br>load |
|-------------------------|--------------------|
| 342718                  | 1                  |

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

1

|                                                                           |                                             |                                                                 |                                     |         |
|---------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------|-------------------------------------|---------|
| COMMANDE DU CLIENT<br>customer po                                         | CLASSIFICATION PIECE<br>part classification | MATÉRIEL<br>material                                            | MAÎTRE D'OEUVRE<br>prime contractor | PROGRAM |
| HB045772                                                                  | N/A                                         | A2                                                              |                                     |         |
| <div>SPÉCIFICATIONS DU PROCÉDÉ</div> <div>processing specifications</div> |                                             |                                                                 |                                     |         |
| VAC HARDEN                                                                |                                             | <div>DAS</div> <div>82</div> <div>9-89</div>                    |                                     |         |
| HARDEN AND TEMPER                                                         |                                             |                                                                 |                                     |         |
| EXIGENCE / requirement                                                    | SPÉCIFICATIONS / specified                  | TESTS EXÉCUTÉS / performed                                      | RÉSULTATS DE TESTS / results        |         |
| HARDNESS                                                                  | 58 - 62 HRC                                 | 5<br>(907)                                                      | 60 - 61 HRC                         |         |
| QUANTITÉ<br>quantity                                                      | POIDS<br>weight                             | DESCRIPTION DES PIÈCES<br>parts description                     |                                     |         |
| 40                                                                        | 11                                          | 646.9711<br>(40) 646.9711<br>DWG 646.9700 REV H<br><br>1 VALISE |                                     |         |

### COMMENTAIRES / comments

VAC HARDEN 1800°F - 1:00 HRE  
DOUBLE TEMPER 400°F - 2:00 HRS

Heat treatment (HT) was performed with equipment that meets the requirements of requested specification. All HT operations were performed in compliance with the required HT specification and all verifications have been performed and documented. No unauthorized changes were performed in regards to the HT. We certify that the material was manufactured, sampled, tested and inspected in accordance with the material specification and the purchase order and was found to meet the requirements.

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Le traitement thermique (TT) a été fait en utilisant des équipements en conformité avec la spécification demandée. Toutes les opérations de TT ont été faites en conformité avec les requis de la spécification demandée et toutes les vérifications et les tests demandés ont été faites et documentés. Aucun changement n'a été faite par rapport au TT. On certifie que le matériel a été fabriqué, échantillonné, testé et inspecté en accord avec les spécifications du matériel et le bon de commande et le matériel rencontre les exigences spécifiées.

# METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

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Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

## Certificat de Conformité Détaillé

Detailed Certificate of Compliance

| BON DE TRAVAIL<br>order | CHARGEMENT<br>load |
|-------------------------|--------------------|
| 342718                  | 1                  |

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

1

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APPROUVÉ par / Approved by:

DATE: 2020-02-10

Lucie Desmarais  
QA Technician

